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SAKATA'S

RELIABLE SEEDS

FOR THE

NURSERY

1933 CROP

HERBST BROTHERS, INC.

92 Warren Street,

New York, N. Y.

Agents for

T. Sakata & Co., Yokohama, Japan.

SAKATA'S

RELIABLE SEEDS

for the NURSERY

1 9 3 3

C R O P

HERBST BROTHERS, INC.

92 Warren Street, New York, N.Y.

Agent for

T. SAKATA & Co. Yokohama, Japan.

Dear Sir,

We have pleasure in presenting you our 1933 Tree Seed list and hope to be favored with your valued order.

The coming crop of Tree Seed gives every indication of being abundant and of splendid quality. This applies particularly to the Conifers such as Larix, Abies, Chamaecyparis, Picea, Taxus, Tsuga, etc. Nurserymen should use this opportunity of making liberal plantings of the rare species.

As you probably know, we are not price seller; but from us you can expect carefully tested seeds. Our laboratory equipments are so made that no seed is allowed to be shipped out without careful examination as to the vitality and trueness.

We, therefore, believe it is to your advantage to secure such tested seeds than ordinary quality.

Our Agents, Messrs. HERBST BROTHERS, Inc., 92 Warren St., New York, N.Y., will be pleased to transmit to us your order; they are always intent upon furthering your and our interests and shall be glad to communicate to us your wishes.

We thank you for your past patronage and look forward to the pleasure of your further commands.

Yours faithfully,

T. Sakata & Company

A handwritten signature in dark ink, appearing to read 'T. Sakata', written in a cursive style.

Yokohama, Japan.
July, 1933.

Terms of Sale

DISCLAIMER: We give for ourselves or our principals no warranty expressed or implied, as to the description, quality or productiveness, or in any other respect for the seed we deliver, nor will we be responsible for the crop in any way. In no case shall we or our principals be held liable for more than the invoice value of the seed sold.

QUOTATIONS are based on an average crop and normal cost of collecting and preparing the seed. If through unforeseen contingencies the cost of any item is extraordinarily increased, we reserve for ourselves and our principals the privilege of proportionately advancing the price of such items of accepted orders, subject to the buyers' option to acquiesce or cancel the items affected.

PRICES are F.O.B. Seattle. They include import duty, fumigation costs and all Custom House charges.

WEIGHTS are net. Containers are charged at cost.

DELIVERY is always subject to crop-out-turn and arrival in good condition from source.

PURCHASES of less than $\frac{1}{2}$ lb. of any one item will be billed at 25% over the pound price. Minimum orders for any one item 4 ozs., except where otherwise indicated; minimum charge 25¢.

PAYMENT: Our prices are calculated on a strictly cash basis; customers remitting with their orders will be allowed 5% discount.

Buyers will kindly indicate the routing desired, which will be followed as far as possible; otherwise we will use our best judgment in shipping, always subject to the Buyer's responsibility after delivery to carrier.

This offer expires October 31st, 1933.

HERBST BROTHERS, INC.,
Agents for T. Sakata & Co.

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Cultural Notes

Tree seed planters often attribute lack of success to the seed, which, although viable often fail to germinate by reason of improper sowing. To prevent such failure we give a few important cultural notes which we invite those of our customers who have no experience in tree seed culture to read carefully.

Seeds having a hard skin or shell often remain for a year, and even longer, dormant in the ground. They may come up during the following season or even two or three years later.

To succeed with tree seed it is important to keep the seed bed sufficiently moist but not too wet, as this may lead to "Damping off," especially in the case of coniferous seedlings. The seed bed must be of well drained loamy soil sufficiently sandy to prevent fungus attacking the seedlings. Shading is necessary, especially for the delicate sorts. We recommend the use of disinfectants of which numerous brands have recently come on the market.

Generally speaking, tree seed does not carry well in warm places; it should be at once placed in cold storage if it cannot be immediately used. Even then it often will not carry safely from season to season.

Many sorts lose their germination quickly, especially Ulmus, Cherries, small-fruited Prunus, Mulberries, Elaeagnus, etc. These should be kept only in cold storage.

It is physically impossible to treat conclusively in a few lines the subject of tree seed germination. To all, even experienced growers of seedlings, flowering Cherries and stone fruited plants, we can recommend Bulletin No. 569 of the New York State Agricultural Experimental Station at Geneva, N. Y., by Dr. H. B. Tuckey. In this Bulletin you will find this subject treated fully and practically.

Growers of Conifers and Shrubs will do well to keep posted on the Bulletins of the Boyce Thompson Institute.

We may recommend specially Dr. William Crocker's Bulletin No. 15, dated March, 1930, copies of which may be secured, we believe, from the Boyce Thompson Institute for Plant Research, 1086 North Broadway, Yonkers, New York.

The following pointers may be of service to the nurseryman. They are based on our own experience but should be changed as conditions seem to require :

Abelia	Enkianthus	Phyllodoce	} Sow in peat moss or fine leaf mould in well protected seed bed.
Alpine Plants	Diervilla	Rhododendron	
Andromeda	Lagerstroemia	Ribes	
Azalea	Ledum	Tamarix	
Buddleia	Leucothoe	Tripetaleia	
Corylopsis	Menziesia	Weigela	
Carpinus	Malus	Ulmus	} Sow as soon as possible after seeds are received.
Clerodendron	Meliosma	Zanthoxylum	
Disanthus	Prunus		
Hovenia	Pterocarya		
Aesculus	Cinnamomum	Lagerstroemia	} Sow in autumn or when seed arrives.
Alnus	(in warmer climate)	Ligustrum	
Amygdalus		Prunus triflora	
Chamaerops	Cornus	Sapindus	
(in warmer climate)	Corylus	Syringa	
	Forsythia	Tilia	
	Fraxinus		
Acanthopanax	Euptelea	Rhus	} Sow in early spring.
Actinidia	Euscaphis	Sambucus	
Ailanthus	Fagus	Schizophragma	
Akebia	Gleditschia	Skimmia	
Amelanchier	Illicium	Sophora	
Berberis	Indigofera	Staphylea	
Catalpa	Juglans	Stauntonia	
Celtis	Juniperus	Stewartia	
Cercidiphyllum	Kerria	Symplocos	
Chloranthus	Lespedeza		
Clematis	Paeonia		
Daphniphyllum	Podocarpus		
Diospyros	Pyrus		
Abies	Gardenia	Rhodotypos	} Sow in spring after danger of frost is past and soil is warm.
Acer	Ginkgo	Robinia	
Ampelopsis	Hibiscus	Sciadopitys	
Aralia	Hydrangea	Spiraea	
Benzoin	Idesia	Stachyurus	
Betula	Ilex	Styrax	
Buxus	Larix	Taxus	
Callicarpa	Lonicera	Taonabo	
Camellia	Magnolia	Thuja	
Celastrus	Melia	Thujopsis	
Cephalotaxus	Nandina	Torreya	
Cercis	Paulownia	Trochodendron	
Chamaecyparis	Phellodendron	Tsuga	
Citrus	Philadelphus	Vaccinium	
Cladrastis	Photinia	Viburnum	
Clethra	Picea	Vitis	
Crataegus	Pinus	Wisteria	
Cryptomeria	Pittosporum	Zelkova	
Cydonia	Pueraria	Zizyphus	
Elaeagnus	Punica		
Euonymus	Rhaphiolepis		

Acer	Elaeagnus	Prunus	} Stratify before sowing; seeds germinate slowly.
Akebia	Hamamelis	Rhus	
Amelanchier	Ilex	Ribes	
Ampelopsis	Juniperus	Rosa rugosa	
Berberis	Lonicera	Rosa wichuriana	
Buxus	Magnolia	Staphyllea	
Cephalotaxus	Melia	Styrax	
Celtis	Nandina	Taxus	
Cydonia	Ostrya	Viburnum	
Clematis	Paeonia Moutan	Vitis	
Crataegus	Photinia	Zanthoxylum	
Diospyros	Pyrus		
Albizzia	Gleditschia	Robinia	} Soak in hot water just before planting.
Buxus	Ilex	Rosa	
Camellia	Photinia	Sophora	
Cercis	Pueraria		
Ardisia	Kadsura		} Sow under glass.

SPECIALTIES

WE INVITE YOUR APPLICATION FOR LARGE QUANTITY.

CASTANEA MOLLISSIMA, resistant type (Korean Chestnut)

Blight resistant hardy chestnut widely recognized by foresters. The nuts are sweeter and larger than native varieties. **The seed should be ordered early.**

55 ¢ lb; \$4.00 10 lbs.

PYRUS SEROTINA

Wild Japanese Pear. A blight resistant type, rapid in growth and an excellent understock. Very popular in our Southern States. **The seed should be ordered early.**

\$2.00 lb; \$18.00 10 lbs.

PYRUS USSURIENSIS (Wild)

Also a blight resistant type. Its strong root system adds to its value as grafting understock. **The seed should be ordered early.**

\$2.50 lb; \$22.50 10 lbs.

PYRUS USSURIENSIS (Cultivated)

Embodies all of the advantages of the above and in addition, produces an astonishingly even top growth. **The seed should be ordered early.**

\$2.50 lb; \$22.50 10 lbs.

GINKGO BILOBA (Maidenhair Tree)

The sole survivor of a preglacial group. Makes a magnificent, picturesque, upright shade tree and is always in good demand. Ginkgos are noticeably free from insect damage. The nuts are edible. **Orders should be placed immediately.**

40 ¢ lb; \$3.60 10 lbs.

LARIX LEPTOLEPIS (Japanese Larch)

Its quick growth and blight resistance is attracting American and European foresters. We expect to have a good crop this year and can supply best quality seed. **For large quantity, please write for current price.**

\$3.00 lb; \$27.00 10 lbs.

*Unless specified, our seeds are always clean either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.*

TAXUS CUSPIDATA (Japanese Yew)

Not only is production from seed cheaper than from cuttings, but it results in more shapely upright plants. Culture is very simple.

90 ¢ lb; \$8.00 10 lbs.

ACER PALMATUM, small seeded type (Japanese Maple)

The small seeded has invariably produced stronger grafting stock and more seedlings per pound of seed. Best understock for grafting.

\$1.25 lb; \$11.00 10 lbs.

AMPELOPSIS TRICUSPIDATA (Veitchi) (Boston Ivy or Japanese Creeper)

A most popular vine plant. It clings firmly to wall, etc., and its foliage, which turns scarlet-orange in fall, is particularly attractive.

90 ¢ lb; \$8.00 10 lbs.

ANDROMEDA POLIFOLIA (Bog-Rosemary)

One of the most lovely alpine Andromedas of delicate pink bell-like flower. It grows up one foot in shapely bush form. Highly recommended.

\$1.00 pkt; \$3.00 per oz.

AZALEA KURUME, mixed colors

Few Azaleas can beat Kurume in beauty. It contains a vast range of most fascinating brilliant shades as well as intermediate colors. Single, as well as semi-double flowers. We collect our seed from beautiful garden collections.

\$1.00 pkt; oz. \$5.35.

CLEMATIS PANICULATA (Sweet Autumn Clematis)

Our seed is really cleaned. Absolutely free of beard, it presents an even golden color and runs freely when sown.

90 ¢ lb; \$8.00 10 lbs.

CORNUS KOUSA (Kousa Dogwood)

Comes to flower mid-June. Its upstanding heads on rigid slender stalks are covered with rich green leaves. Copious floral heads, each from 5 to 6 inches across, last for full a month before turning scarlet. **Order early.**

80 ¢ lb; \$7.20 10 lbs.

CYDONIA JAPONICA PYGMAEA (Dwarf Flowering Quince)

Similar to *C. japonica* (Flowering Quince) in brilliancy of flower and fruit, but of dwarf and creeping habit. Highly recommended for rock gardens. Easy to grow from seed.

70 ¢ lb; \$5.30 10 lbs.

ENKIANTHUS CAMPANULATUS (Redvein Enkianthus)

Its clustered blossoms hang beneath tufts of deep green leaves. Flowers vary from reddish-crimson and salmon shades to clear cream.

50 ¢ oz; \$1.50 ¼ lb; \$4.50 lb.

MAGNOLIA CONSPICUA (Yulan)

Our's is true strain. **Order early.**

\$2.60 lb. \$24.00 10 lbs.

MAGNOLIA KOBUS (Japanese Magnolia)

Many nurserymen have trouble in starting the seed but we can supply such Kobus seed which is sure to germinate. They are harvested with utmost care and dried in such manner that they do not fail to germinate. Customers must plant our seed immediately on their arrival.

\$1.50 lb; \$13.50 10 lbs.

MAGNOLIA OBOVATA (Liliflora)

A large flowering Magnolia. The flower is even larger than Yulan but with dark purple-red color.

\$2.60 lb; \$24.00 10 lbs.

NANDINA DOMESTICA RED

One of the most beautiful of red berries in Japan. Usually they grow up from 3 to 6 feet making standard appearance as they lose their foliage from the bottom. The brilliant red berries born on the top part of the plant in very heavy clusters which easily measure more than foot long covered by hundreds of good sized round berries of most brilliant red imagined. Easily can be grown from seed and comes to berry within comparatively short time.

90 ¢ lb; \$8.00 10 lbs.

PRUNUS INCISA (Mame Cherry)

Absolutely hardy in the Arnold Arboretum and rivals P. subhirtella in abundance of blossom. As the petals fall, the calyx becomes bright colored and adds fully a week to the Spring beauty of this tree. **Order early.**

\$1.75 lb; \$16.00 10 lbs.

PRUNUS LANNESIANA (Hitoye Cherry)

One of the principal parents of the double-flowered Japanese Cherries. Pure white blossoms, each about $1\frac{1}{2}$ inches in diameter, borne several together in fascicles are crowded toward the ends of the branches. The flowers are fragrant. **Order early.**

\$1.00 lb; \$9.00 10 lbs.

PRUNUS YEDOENSIS (Yeddo Cherry)

"This is the Cherry," wrote Mr. Wilson, "so generally planted in the parks, temple grounds, cemeteries and streets of Tokyo. Its flowering is the occasion of a popular festival in the city of Tokyo." The blossoms are white flushed with pink. **Order early.**

\$1.75 lb; \$16.00 10 lbs.

PUERARIA THUNBERGIANA (Kudzu Vine)

The use of this plant as a **forage crop** is highly recommended. The U. S. Department of Agriculture went to the expense of sending representatives to the Orient to further study it. To quickly establish a field, the use of seedlings has been found advisable due to its slow initial development. Particularly in the Southern States, where the plant is best known, the growing of seedlings should prove profitable. Being of rapid growth, it makes a good cover.

80 ¢ lb; \$7.20 10 lbs.

*Unless specified, our seeds are always clean either out of hulls or berries
Such seeds are far economical for the nurserymen than uncleaned seeds.*

ROSA MULTIFLORA

Useful understock and ornamental. Perfectly hardy in the Northern States. Pure white flowers are borne in great profusion. Excellent for mass plantings and embankments. For large quantity, please write for current price.

40 ¢ lb; \$3.60 10 lbs.

ROSA MULTIFLORA THORNLESS

We collect seeds from only thornless trees but all seedlings are not like their parents. However, good many percentage are thornless. The best way is to make cuttings from these thornless seedlings.

\$1.00 lb; \$9.00 10 lbs.

STYRAX JAPONICA (Japanese Snowbell)

The bell-shaped flowers are borne in cymose clusters at the end of every branchlet and the corolla is of pure, waxy white. No other tree has such an abundance of bloom. Grows freely from seed.

75 ¢ lb; \$7.00 10 lbs.

VIBURNUM CARLESI

It germinates well after stratification. Seedlings are cheaper than grafts and produce natural well shaped plants. They are finest and most fragrant clove scented Viburnum from Korea. Flowers waxy in texture, pink tinted in bud and pure white when fully opened. Flowers make a rounded and conspicuous clusters.

\$2.80 lb; \$26.00 10 lbs.

CYPRIPEDIUM DEBILE

A miniature terrestriol Cypridium which is suitable for small pots or for Rock Gardens. Flowers in July, yellowish green color.

\$1.00 pkt; \$15.00 oz.

CYPRIPEDIUM JAPONICUM

A hardy terrestriol Cypridium with large light-pink flower. One of the most showy hardy Orchids.

50 ¢ pkt; \$3.00 oz.

CYPRIPEDIUM SPECIOSUM

A little smaller than preceding variety but darker in color.

50 ¢ pkt; \$3.00 oz.

IRIS KAEMPFERI (Japanese Flag Iris)

Undoubtedly the finest of all Iris family. Especially so as this seed is collected from famous collection, cultivated for exhibition purpose.

80 ¢ ¼ lb; \$2.20 lb; \$20.00 10 lbs.

PLATYCODON GRANDIFLORA PRAECOX GIGANTEA

An extra early flowering Platycodon with most gigantic size. Individual flower measures as large as 4 inches across and starts flowering already in June. Seed when planted in April-May starts flowering from August on until frost kills them. They grow up over 2½ ft. from roots but from Seeds, they start flowering at the height of 5 inches. We can supply both in blue and in white color. From seed they show some percentage of variation in color and in size. We consider this to be a startling novelty.

50 ¢ pkt; \$1.40 oz.

Explanation of Signs

- *.....Early maturing varieties which should be ordered at once.
 a.....Annual.
 acAnnual Climber.
 alAlpine Plant.
 biBiennial.
 bi.al...Biennial Alpine Plant.
 d.....Deciduous.
 dcDeciduous Climber.
 e.....Evergreen.
 ecEvergreen Climber.
 p.....Perennial.
 p.al...Perennial Alpine Plant.
 s.....Shrub.
 CSClean Seed.
 B.....Seed in berries.
 R.....Plants suited for Rock and Alpine Gardens.

Fruit and Economic Plant Seeds

		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
CAMELLIA — see page 15.			
CASTANEA (Chestnut)			
d	japonica, Japanese Wild Chestnut, small fruiting	.. \$.35	\$ 3.00
d	mollissima, Korean Chestnut, resistant type	.. .. .55	4.00
<i>See also specialty page 4.</i>			
d	pubinervis, Korean Chestnut	.. .. .50	3.50
d	Tamba, Giant Japanese Chestnut	.. .. .50	3.50
<i>Another much appreciated Chestnut which yields an abundance of giant edible nuts.</i>			
CINNAMOMUM			
e	camphora (Camphor Tree)	.. .. .80	7.20
e	Loureirii	.. .. .80	7.20
e	pedunculatum	.. .. .80	7.20
CITRUS			
e	aurantium, Sour Orange	.. .. 2.00	18.00
e	trifoliata, Hardy Orange	.. .. 1.00	9.00
CRATAEGUS (Hawthorn)			
d	cuneata, Nippon Hawthorn	.. .. 3.00	27.00
<i>In the Orient, this Crataegus has proven a valuable understock for apples.</i>			
CYDONIA (Quince) — see also page 16.			
d	vulgaris, Edible Quince	.. .. .80	7.20

Unless specified, our seeds are always clean either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

		F. O. B. Seattle	
		Duty and Fumigation	Included
		Per lb.	10 lbs.
DIOSPYROS (Persimmon)			
d	japonica, Japanese Edible Persimmon	\$.40	\$ 3.60
d	Kaki, Kaki Persimmon, Large-sized Edible Persimmon..	.60	5.40
d	lotus, Dateplum .. .. .	.40	3.60
<i>Sought as grafting understock, for its fruits, its adaptability for many ornamental purposes and, finally, for its wonderful hard wood.</i>			
ERIOBOTRYA			
e*	japonica, Japanese Edible Loquat .. .. .	.50	4.50
e*	japonica, Improved Large-fruited type .. .. .	.70	6.30
JUGLANS (Walnut)			
d	manchuria, Manchurian Walnut, excellent forest tree ..	.65	6.00
d	regia, Persian Walnut .. .. .	.35	3.20
d	Sieboldiana, Japanese Walnut for understock and timber	.35	3.20
d	Sieboldiana cordiformis, Flat Walnut for understock and timber .. .. .	.35	3.20
MALUS (Crab) - see also page 19.			
d	prunifolia, Pearleaf Crab	3.50	31.50
PRUNUS - see also page 20.			
Almond (Amygdalus)			
d*	triflora, Japanese Almond Per 100 lbs. \$25.00	.30	2.70
Apricot (Armeniaca)			
d*	Mume, Japanese Apricot .. .. .	.40	3.50
d*	Ansu, Japanese Apricot .. .. .	.40	3.50
PUNICA (Pomegranate)			
d	granatum, Japanese Edible Pomegranate	2.00	18.00
PYRUS (Pear)			
d*	betulaefolia, Chinese Wild Pear	3.00	27.00
<i>Chinese Wild Pear, extensively used by Chinese nurserymen as grafting understock. Also very effective as an ornamental. Flowers profusely well in advance of the leaves.</i>			
d*	calleryana	3.00	27.00
<i>Another free flowering Chinese type. Many nurserymen find it an excellent understock for Pear. The seed is small, but grows easily and quickly.</i>			
d*	serotina, Wild Japanese Pear - see also Specialty page 4.	2.00	18.00
d*	ussuriensis - see also Specialty page 4.	2.50	22.50
d*	ussuriensis, Cultivated Chinese Stock - see also Specialty page 4.	2.50	22.50
THEA			
e	sinensis, Tea Plant .. .. .	.35	3.20
ZIZYPHUS (Jujube)			
d	jujuba, Chinese Date or Common Jujube	1.30	11.50
RIBES - see page 21.			

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

Coniferous Seeds

						F. O. B. Seattle	
						Duty and Fumigation	Included
						Per lb.	10 lbs.
ABIES (Fir) – see also Picea page 11.							
firma, Momi Fir, grows rapidly	..	..	..	..	..	\$ .90	\$ 8.00
holophylla, Needle Fir	..	..	..	..	..	1.60	15.00
homolepis (brachyphylla), Nikko Fir	..	..	..	..	..	1.60	15.00
<i>A tree of rare gracefulness, perfectly hardy in the Arnold Arboretum. It frequently grows to 120 feet with wide-spreading branches, dark green leaves which are silvery on the underside. One of the handsomest of all Silver Firs.</i>							
Mariesi, Maries Fir	..	..	..	..	..	2.00	18.00
sachalinensis, Sakhalin Fir, perfectly hardy	..	..	..	..	..	2.50	22.50
Veitchi, Veitch Fir, highly ornamental	..	..	..	..	..	1.70	16.00
BIOTA – see THUJA page 11.							
CEPHALOTAXUS (Plum Yew)							
drupacea, Japanese Plum Yew	..	..	..	..	..	.50	4.50
CHAMAECYPARIS (Thuja or Retinospora)							
obtusa, Hinoki Cypress	..	..	..	..	..	.70	6.50
<i>Very popular and highly valued for timber in Japan.</i>							
obtusa var. breviramea, Dwarf Cypress	..	..	..	..	..	3.00	27.00
pisifera, Sawara Retinospora	..	..	..	..	..	1.00	9.00
<i>In U. S. A. this is used more for ornamental purpose than timber.</i>							
CRYPTOMERIA (Cedar)							
japonica, Common Cryptomeria	..	..	..	..	..	.70	6.30
<i>One of the most useful timber in Japan. Also excellent for ornamental purpose.</i>							
CUNNINGHAMIA							
lanceolata (sinensis), China Fir, hardy prickly, highly ornamental	..	..	..	..	..	2.10	19.00
GINKGO.							
d biloba, Maidenhair Tree – see also Specialty page 4.	..	..	..	..	..	.40	3.60
JUNIPERUS (Juniper)							
chinensis, Chinese Juniper (seed matures very late)							
perfectly hardy	..	..	..	..	..	1.60	14.50
chinensis horizontalis	..	..	..	..	..	6.00	50.00
<i>A hardy Chinese Juniper of ornamental value.</i>							
chinensis Sargentii, Sargent Juniper	..	..	..	..	..	4.00	36.00
<i>Perfectly hardy and the foliage has a strikingly attractive bluish bloom.</i>							
communis, Common Juniper	..	..	..	..	..	1.30	11.50
conferta (litoralis), Shore Juniper, prickly creeping Juniper	..	..	..	..	..	4.00	36.00
japonica, Japanese Juniper	..	..	..	..	..	3.00	27.00
<i>A very hardy garden variety of J. chinensis and an effective ornamental.</i>							

Unless specified, our seeds are always clean either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
JUNIPERUS (cont'd.)			
procumbens, Hardy Chinese Creeping Juniper	.. ..	\$2.60	\$23.50
LARIX (Larch) (For large quantity, please write for current price)			
dahurica, Dahurian Larch	.. ..	3.00	27.00
leptolepis, Japanese Larch – see also Specialty page 4.		3.00	27.00
PICEA (Spruce) – see also Abies page 10.			
Glehni, Sakhalin Spruce	.. ..	4.50	40.00
jezoensis, (ajanensis) Jeddo Spruce	.. ..	4.00	36.00
jezoensis hondoensis, Hondo Spruce	.. ..	3.00	27.00
Koyamai, narrow pyramidal habit, hardy	.. ..	5.00	45.00
PINUS (Pine)			
Bungeana, Lacebark Pine	.. ..	2.00	18.00
densiflora, Japanese Red Pine	.. ..	.70	6.30
koraiensis, Korean Pine	.. ..	.50	4.50
<i>Mr. Sakata calls special attention to the handsome and dense habit of this Pine. An outstandingly fine species.</i>			
parviflora (pentaphylla), Japanese Fiveleaf White Pine	..	1.45	13.00
pumila, Creeping Pine	.. ..	2.50	22.50
tabulaeformis, Chinese Pine	.. ..	1.25	11.00
Tanyosho, Japanese Table Pine, true seed per ¼ lb.	\$4.50	12.00	—
<i>From Japan we are advised that the upright shoots must be pinched back if a true Table form is desired.</i>			
Thunbergi, Japanese Black Pine	.. ..	.70	6.30
PODOCARPUS			
macrophylla, Yew Podocarpus	.. ..	.55	5.00
Nagi, Japanese Podocarpus	.. ..	.85	8.00
SCIADOPITYS			
verticillata, Umbrella Pine	.. ..	1.85	16.00
TAXUS (Yew)			
cuspidata, Japanese Yew	.. ..	.90	8.00
<i>See also Specialty page 5.</i>			
THUJA (Biota)			
orientalis, Oriental Arborvitae	.. ..	.75	6.00
orientalis compacta, Dwarf Oriental Arborvitae	..	2.25	—
<i>Our seed which is collected only from the very best specimens, will produce a high percentage of trees true to type. It germinates quickly and is easy to grow.</i>			
Standishi, Standish Arborvitae	.. ..	3.40	31.00
THUJOPSIS (Arborvitae)			
dolabrata, False Arborvitae	.. ..	2.85	26.00
TORREYA			
nucifera, Japanese Torreya, large edible nuts	..	.45	4.00
TSUGA (Hemlock)			
diversifolia, Japanese Hemlock	.. ..	2.85	26.00
Sieboldi, Siebold Hemlock	.. ..	2.85	26.00

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

Miscellaneous Tree and Shrub Seeds

		F. O. b. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
ABELIA			
d	spatulata	\$3.50	\$31.50
ACANTHOPANAX			
d	ricinifolium, Castor Arabia .. .	1.50	13.50
ACER (Maple)			
<i>Maple seeds supplied by T. Sakata & Co., are free of wings and of exceptionally high purity and germination.</i>			
d	argutum	2.00	18.00
d	crataegifolium	1.75	16.00
d	diabolicum purpurascens, Red-Devil Maple .. .	1.75	16.00
d	distylum	1.75	16.00
d	ginnala, Amur Maple	1.10	10.00
d	japonicum, Fullmoon Maple	1.35	12.00
d	mandschuricum, Manchurian Maple, very hardy, tall. May be suitable for shading	1.60	14.50
d	micranthum	2.50	22.50
d	nikoense, Nikko Maple	2.00	18.00
d	palmatum, Japanese Maple, small seeded type .. .	1.25	11.00
<i>See also Specialty page 5.</i>			
d	palmatum, Japanese Maple, large-seeded type .. .	1.10	10.00
d	palmatum atropurpureum, Bloodleaf Japanese Maple	3.60	33.00
<i>We warn our customers that Japanese Bloodleaf Maple produces an indefinite number of true types when grown from seed. The percentage of true colored trees from 50% to 80%. Comparison will show our seed, collected only from selected trees, to be best.</i>			
d	palmatum atropurpureum dissectum, Threadleaf Red Maple. <i>Seeds collected from true specimen trees.</i> .. .	12.00	—
d	parviflorum	2.00	18.00
d	pictum, Painted Maple	1.35	12.00
d	pseudo-Sieboldianum	1.20	11.00
d	rufinerve	2.00	18.00
d	spicatum, Mountain Maple	1.75	16.00
d	Tschonoski	2.50	22.50
ACTINIDIA			
dc	arguta, Bower Actinidia	4.50	40.00
dc	polygama, Silvervine	4.50	40.00
AESCULUS (Horsechestnut)			
d	turbinata, Japanese Horsechestnut .. .. .	.40	3.60
AILANTHUS			
d	glandulosa, Tree of Sharon, uncleaned seed. .. .	1.25	11.00
AKEBIA			
dc	lobata, Threelaf Akebia	1.35	12.00
dc	quinata, Fiveleaf Akebia	1.00	9.00

Unless specified, our seeds are always clean either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

ALBIZZIA

d	julibrissin, Silktree	\$.90	\$ 8.00
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ALNUS (Alder)

d	firma70	6.30
d	hirsuta sibirica70	6.30
d	japonica70	6.30
d	viridis, European Green Alder90	8.00

AMELANCHIER (Shadbush)

d	asiatica	1.75	15.50
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AMPELOPSIS

dc	heterophylla, Porcelain Ampelopsis	1.90	17.00
dc	tricuspidata (Veitchi) Japanese Creeper90	8.00

See also Specialty page 5.

ANDROMEDA

e	poliforia, Bog-Rosemary	..	pkt. \$1.00 ; per oz. \$3.00	—	—
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See also Specialty page 5.

e	japonica - see Pieris japonica	page 20.
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ARALIA

d	chinensis, Chinese Aralia	1.50	13.50
d	spinosa, Devils-Walkingstick	1.50	13.50

ARDISIA

e	crenulata, (Crispa) Coral Ardisia	1.35	12.50
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Often, because of the limited supply, we have had to disappoint customers ordering late in the season. **Order early.**

e	japonica, miniature type of foregoing	3.10	27.00
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AZALEA - see also Rhododendron page 21.

All our Azalea seed is properly cleaned from the hull.
This insures you of a larger number of seeds per Dollar.
It is also much easier to sow when cleaned.

d	dilatatum	per oz. \$3.00 ; per ¼ lb. \$8.00
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A tall growing deciduous Azalea of beautiful pink flower.

e	Hinodegiri	per oz. \$3.50 ; per ¼ lb. \$10.00
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Famous fiery red Azaleas of great floriferous habit.

e	indicum (macranthum) Japanese Satsuki	per oz. \$3.50.
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e	japonica, Japanese Azalea, hardy	..	per oz. \$4.50
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A well known hardy Azalea with pure white flowering.

e	Kaempferi, Torch Azalea	5.50	—
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A twiggy, much branched shrub from 3 to 10 ft. high,
with unscented flowers, varying in color from salmon to rich red.

d	Komiyamae (New)	per oz. \$10.00
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Similar to A. Hinodegiri but color is light purple-pink and smaller in shape.

e	Kurume, mixed colors	pkt. \$1.00 ; per oz. \$5.35
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See also Specialty page 5.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

AZALEA—(cont'd.)

- d linearifolium macrosepalum genuinum, Spider Azalea
per oz. \$8.00
- d mollis, mixed colors .. per oz. \$1.00; per $\frac{1}{4}$ lb. \$2.00
Collected from an assortment of various colors such as pure yellow, orange-red, brownish red, as well as intermediate shades.
- d pentaphyllum, Fiveleaf Azalea .. per oz. \$3.00
- d quinquefolia, Cork Azalea
alba, white flowering .. per oz. \$7.45; per $\frac{1}{4}$ lb. \$15.00
rosea, soft pink fl .. per oz. \$5.00; per $\frac{1}{4}$ lb. \$10.00
One of the most beautiful hardy deciduous Azaleas from Japan. The flowers are purest pink and appear before the leaves. The trees grow to 15 feet and more. It is easy to germinate the seed and careful nursing of the seedlings yields an abundance of these valuable plants.
- d rhombicum, Hardy Rose Azalea .. per oz. \$3.00
- d Schlippenbachi, Royal Azalea .. per $\frac{1}{4}$ lb. 2.00 6.00 —
- d Tschonoski—see Rhododendron page 21.

BENZOIN (Lindera) Spicebush.

- d praecox, uncleaned seed 1.00 9.00
- d tribolum, uncleaned seed 1.50 13.50
- d umbellata, uncleaned seed 1.25 11.00

BERBERIS (Barberry)

- d Thunbergi, Japanese Barberry 1.35 12.00
Order early. It is seldom that there is sufficient seed to go around.

BETULA (Birch)

- d alba, European White Birch, recleaned 1.00 9.00
- d dahurica, recleaned 4.00 36.00
- d lenta (grossa), Sweet Birch, recleaned 1.25 11.00
- d Schmidtii, recleaned 4.00 36.00

BUDDLEIA (Butterflybush)

- d japonica, hardy, sky-blue flowering .. per $\frac{1}{4}$ lb. \$3.00 7.50 —

BUXUS (Box)

- e* microphylla koreana, Hardy Korean Box 2.35 20.00

On arrival, store them in shady and cool place. Before severe winter sets in, stratify the seeds with soil in the box burying them into the ground (thin layer may be better otherwise they sometimes germinate in the box). In March-April, take the seeds out of the box and sow them in the beds.

CALLICARPA (Beautyberry)

- d japonica, Japanese Beautyberry 2.25 20.00
- d purpurea, Chinese Beautyberry 2.35 21.00

Unless specified, our seeds are always clean either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

HERBST BROTHERS, INC.,

PHONE BARCLAY 7-8478

92 WARREN ST.,

NEW YORK, N. Y.

April 28, 1933

See specially priced Nursery Stock
offered on pages 21-24 of this catalogue

OUR BROKERAGE DEPARTMENT IS OPEN TO YOU TO BUY OR SELL

CAMELLIA

e	japonica, Japanese Camellia	\$.50	\$ 4.50
e	sasanqua, Sasanqua Tea .. .. .	.65	6.00

Seeds collected from garden varieties containing many different colors.

e theifera – see Thea sinensis page 9.

CARPINUS (Hornbeam)

d	cordata	1.50	13.50
d	japonica	1.50	13.50
d	Tschonoski (yedoensis)	1.00	9.00

CATALPA

d	Kaempferi, Japanese Catalpa	1.25	11.00
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CELASTRUS (Bittersweet)

dc	orbiculatus (articulatus) Oriental Bittersweet	1.25	11.00
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CELTIS (Hackberry)

d	sinensis, Chinese Hackberry80	7.20
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CERCIDIPHYLLUM

d	japonicum, Katsura-tree	3.75	34.00
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“Rehder” considers this one of the best introductions from Japan. An ornamental tree of dense pyramidal habit.

CERCIS (Redbud)

d*	chinensis, Chinese Redbud	2.25	20.00
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Grows to 45 feet with a trunk 5 feet in girth. The foliage in autumn assumes fine tints. It blooms freely and the flowers are larger and better colored than most other varieties.

CHLORANTHUS

e	glaber, scarlet-red per ¼ lb.	\$2.50	7.00	—
e	„ golden-yellow per ¼ lb.	3.50	10.00	—

CINNAMOMUM – see page 8.

CLADRASTIS (Yellow-wood)

d	platycarpa	2.00	18.00
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CLEMATIS

dc	floribunda, garden varieties mixture	3.00	27.00
dc	heracleifolia, Tube Clematis	1.50	13.50
dc	instricta	6.00	54.00
dc	paniculata, Sweet Autumn Clematis, see also Specialty page 5. .. .. .	.90	8.00
dc	Pierotii	4.50	40.00
dc	trifoliata	1.75	15.50

CLERODENDRON (Glorybower)

d	trichotomum, Harlequin Glorybower	1.15	10.00
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CLETHRA

d	barbinervis, Tree Clethra	1.75	16.00
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Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
CORNUS (Dogwood)			
d	brachypoda (macrophylla)	\$ 1.15	\$10.00
d	kousa, Kousa Dogwood, see also Specialty page 5. ..	.80	7.20
d	officinalis, Japanese Cornelian Cherry	1.75	16.00
CORYLUS (Hazelnut, Filbert)			
d	rostrata, Beaked Hazelnut	1.30	11.50
CYDONIA (Quince)			
d	japonica pygmaea, Dwarf Fl. Quince See also Specialty page 5.	.70	6.30
DAPHNIPHYLLUM			
e	humile	2.00	18.00
e	macropodum	1.00	9.00
DESMODIUM – see Lespedeza page 18.			
DIERVILLA			
s	coraeensis per oz. \$1.70; per ¼ lb. \$3.00	20.00	
d	japonica – see Weigela page 24.		
DISANTHUS			
d	ceridifolius	3.75	34.00
ELAEAGNUS			
e*	umbellata, Autumn Elaeagnus.. .. . Flowers are silvery grey and yellowish-white inside and unusually profuse. Fruits are equally attractive.	1.30	12.00
ENKIANTHUS			
d	campanulatus, Redvein Enkianthus per ¼ lb. \$1.50	4.50	—
	See also Specialty page 5.		
d	cernus rubens per ¼ lb. 1.00	3.30	—
	Red flowering variety of E. campanulatus. Hardy and highly ornamental. Easy to grow from seed.		
EUONYMUS			
d	alatus, Winged Euonymus Turns brilliant-red in the autumn. Berries also turn to bright-red. Very showy.	.75	7.00
d	europaeus, European Burningbush .. .. .	.45	4.00
e	japonicus, Evergreen Burningbush .. .. .	.95	9.00
d	oxyphylla	1.70	15.50
ec	radicans, Wintercreeper	1.25	11.00
d	sachalinensis	2.50	22.50
EUPTELEA			
d	polyandra, showy white fl. shrub	2.50	22.50
EUSCAPHIS			
d	japonica (staphleoides)	1.10	10.00

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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

FORSYTHIA

d	suspensa Fortunei, Fortune Forsythia	\$ 3.60	\$33.00
	<i>The popularly known yellow flowering shrub. It grows readily from seed.</i>						

FRAXINUS (Ash)

d	mandschurica, Manchurian Ash	1.25	11.00
d	pubinervis	1.50	13.50

GARDENIA

e	florida, Cape-Jasmine	2.25	20.00
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GLEDITSIA (Honeylocust)

d	japonica, Japanese Honeylocust	1.10	10.00
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HAMAMELIS (Witch-hazel)

d	japonica, Japanese Witch-hazel	3.00	27.00
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This Japanese species is similar to H. virginiana but grows even larger. The flowers appear early in March and are larger and more abundant than common Witch-hazel. In this type the petals are clear yellow and the cupped sepals are usually purple on the inside.

HIBISCUS (Rosemallow)

The seed offered is collected only from garden varieties. It is thoroughly cleaned.

d*	mutabilis, Cotton Rosemallow	1.80	16.00
d*	syriacus, Shrub-Althea75	7.00

HOVENIA

d	dulcis, Raisin Tree	1.35	12.00
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HYDRANGEA

s	macrophylla var. Azisai, Large-leaved Hydrangea	2.00	18.00
d	paniculata, Panicle Hydrangea	1.50	13.50
d	petiolaris scandens, Climbing Hydrangea	3.00	27.00
d	serrata (cuspidata)	3.50	31.50

IDESIA

d	polycarpa	2.50	22.50
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An ornamental tree which commands great attention. Bark is grayish white. The fragrant yellowish flowers appear in pendulous panicles and are followed in fall by large red berries.

ILEX (Holly)

e	crenata, Japanese Holly	..	..	..	..	.80	7.20
	<i>A small tree with small thick glossy foliage similar to Box-wood. Lends itself to specimens and hedgework and may be trimmed frequently.</i>						
d	dubia macropoda	..	..	..	..	2.00	18.00
e	fujisanensis	..	..	..	..	7.50	70.00
	<i>Resembles I. pedunculosa but bears a greater profusion of red berries.</i>						
e	integra, tall growing	..	..	..	..	.70	6.30

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

HEADST BROS. INC

		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
ILEX—(cont'd.)			
e	latifolia	\$ 2.00	\$18.00
<i>This effective ornamental has heavy leaves resembling Cherry Laurel.</i>			
e	pedunculosa, Longstalk Holly	2.00	18.00
<i>A beautiful evergreen Holly with heavy shiny foliage and longstalked red berries. One of the hardiest types of evergreen Holly.</i>			
d	serrata (Sieboldi)	2.00	18.00
<i>Its beautiful red berries persist in great profusion during the winter months. A very popular garden tree in Japan on account of the high color of the berries.</i>			
ILLICIUM (Anisetree)			
e	anisatum, Japanese Anisetree	1.30	12.00
INDIGOFERA (Indigo)			
d	Kirilowi, Kirilowi Indigo, Hardy Wisteria-like flower ..	2.60	24.00
KADSURA			
dc	japonica, Scarlet Kadsura	5.00	45.00
KERRIA			
d*	japonica	1.50	13.50
<i>Grows very readily from seed. A dignified pleasing shrub for specimen and group work.</i>			
KUDZU VINE—see Specialty page 6.			
LAGERSTROEMIA (Crapemyrtle)			
d	indica, Common Crapemyrtle		
	pink flowering	2.25	20.00
	white flowering.. .. .	3.50	31.50
LEDUM (Labrador-Tea)			
e	palustre nipponicum	per oz. \$3.00	
LESPEDEZA (Desmodium)			
d	Buergeri, Shrub Bushclover	1.25	10.00
s	cyrtobotrya, Ring-leaved Lespedeza	1.00	9.00
d	formosa (D. japonica) Purple Bushclover .. .. .	.60	5.50
d	formosa albiflora (D. japonica album), Japanese Bush-clover	1.25	10.00
d	sericea, good for pasturage .. .. .	.70	6.00
d	stipulacea, good for pasturage .. .. .	.70	6.00
LEUCOTHOE			
e	grayana	7.50	70.00
e	Keiskei	per oz. \$1.50 ; per ¼ lb. \$1.50	
<i>An evergreen shrub with large glossy foliage. Produces number of small pure white bell shaped flowers.</i>			
LIGUSTRUM (Privet)			
d	ibota60	5.40
e	japonicum, Japanese Privet	1.20	11.00

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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

LONICERA (Honeysuckle)

dc	coerulea	..	..	..	..	..	..	..	\$ 4.50	\$40.00
ec	japonica, Japanese Honeysuckle	..	..	..	..	..	..	..	4.50	40.00
d	Maacki, Amur Honeysuckle	..	..	..	..	..	..	..	4.00	36.00

MAGNOLIA

d*	conspicua (Yulan) - see also Specialty page 5	..	..	..	..	..	..	..	2.60	24.00
d*	hypoleuca, Silver Magnolia	..	..	..	..	..	..	..	.75	6.80
d*	kobus, Japanese Magnolia - see also Specialty page 6.	..	..	..	..	..	..	..	1.50	13.50
d*	obovata (liliflora) - see also Specialty page 6.	..	..	..	..	..	..	..	2.60	24.00
d*	parviflora, Oxyana Magnolia	..	..	..	..	..	..	..	2.50	22.50
d*	salicifolia, Anise Magnolia	..	..	..	..	..	..	..	1.75	16.00
d*	stellata, Star Magnolia	..	..	..	..	..	..	..	2.60	24.00

MALUS (Pyrus) - see also Fruit page 9.

d	baccata, Siberian Crabapple	..	..	..	..	..	..	..	2.80	25.50
d	baccata mandshurica, Manchurian Crabapple	..	..	..	..	..	..	..	2.80	25.50
d	Sieboldi (Toringo), P. Sieboldi	..	..	..	..	..	..	..	3.00	27.00
d	Zumi, Zumi Crabapple	3.50	31.50

MELIA

d	azedarach (japonica), Chinaberry55	5.00
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MELIOSMA

d	myriantha	1.25	11.00
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MENZIESIA

d	ciliicalyx var. bicolor	per oz. \$7.50	
	<i>One of the most showy alpine shrubs with foliage like Azalea. It bears lovely bell-like flower with beautiful red shade.</i>									
d	ciliicalyx var. multiflora	..	..	..	..	..	..	..	per oz. \$7.50	
	<i>Another beautiful shrub closely allied to the preceding.</i>									

NANDINA

e	domestica red - see also Specialty page 6.	..	..	..	..	..	..	..	.90	8.00
e	domestica white, white berried sport	2.30	21.00

OSTRYA (Hophornbeam)

d	japonica, Japanese Hophornbeam	1.75	16.00
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PAEONIA (Peony)

d*	chinensis - see page 30.									
d*	obovata - see page 30.									
d*	suffruticosa (Moutan), Double Tree Peony, mxd	4.30	40.00
	<i>Our collecting is done only from cultivated double flowering garden sorts of the most beautiful color and shapes.</i>									

PAULOWNIA

d	tomentosa (imperialis), Royal Paulownia60	5.40
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PHELLODENDRON (Corktree)

d	amurense, Chinese Corktree	1.50	13.50
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*Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.*

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

PHILADELPHUS (Mockorange)

d satsumanus, Satsumi Mockorange \$ 2.00 \$18.00

PHOTINIA

e glabra 1.30 11.50

An evergreen shrub with attractive dense purple red foliage. Extensively used for hedge work in the Orient. They have the color shown in Broadleaf Maple.

d villosa 1.20 11.00

A very handsome shrub in flower, as well as in foliage particularly in fall when covered with its brilliant red, long retined berries which are not eaten by birds. The leaves also color brilliant red under favorable conditions. Like Cotoneaster and Exochorda, it demands good drainage for best development, especially for good fall-coloring.

PHYLLODOCE

R* coerulea (taxifolia) per oz. \$3.50

This is good for Rock Garden.

PIERIS (Andromeda) — see also page 5, 13.

e japonica, Japanese Andromeda 3.80 35.00

Hardy evergreen shrub, with clusters of Lily-of-the-Valley like flowers. Its lustrous foliage is highly ornamental.

s nana per oz. \$3.00

PITTOSPORUM

e tobira 1.00 9.00

Japanese Flowering Cherries

PRUNUS (Cherry) — see also Fruit page 9.

d* grayana 1.75 16.00

d* incisa, Mame Cherry (Mame-Zakura), see also
Specialty page 6. 1.75 16.00

d* japonica 1.80 16.00

A dwarf spreading shrub with beautiful, soft rose-pink, flowers.

d* lannesiana, Hitoye Cherry (Oshima C.) 1.00 9.00
See also Specialty page 6.

d* Maacki, Amur Cherry 1.75 16.00

d* Maximowiczii (Miyama-Cherry) 1.75 16.00

d* padus (Cerasus padus), European Bird Cherry 1.75 16.00

d* serrulata, Oriental Cherry 1.00 9.00

Another parent to a large group of hardy double flowering varieties. The low price of the seed permits its extensive use as understock.

d* serrulata sachalinensis, Ezo-Yama Cherry 1.75 16.00

Also known as Sargent Cherry. Native in Northern Japan and, therefore, perfectly hardy. Flowers are rich rosy pink, fading to pink and the largest of all Japanese Cherries. Very hardy.

Unless specified, our seeds are always clean either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

PRUNUS--(cont'd.)

d*	subhirtella, Higan Cherry	\$1.75	\$16.00
	<i>An extra early flowering variety.</i>		
d*	subhirtella pendula, Shidare-Higan Weeping Cherry	1.50	13.50
	<i>The popular Japanese Weeping Cherry. As our seed is collected from only the best specimens, it will produce a good percentage of true types.</i>		
d*	tomentosa, Nanking Cherry	1.40	13.00
	<i>Hardy Oriental shrub with multitudes of thin, whip-like stems. Flowers white tinged with pink appear late in April. Fruit rich scarlet and edible.</i>		
d*	triloba, flowering Plum	1.20	11.00
	<i>Makes a broad bush. 12 feet high and 20 feet in diameter. Its slender rigid stems are densely packed with Double Rose-like pink blossoms.</i>		
d*	yedoensis (Yedo Cherry) -- see also Specialty page 6. ..	1.75	16.00

PTEROCARYA (Wingnut)

d	rhoifolia, Japanese Wingnut	1.00	9.00
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PUERARIA

dc	Thunbergiana, Kudzu Bean80	7.20
	<i>See also Specialty page 6.</i>		

RAPHIOLEPIS

d	umbellata (japonica), Yeddo Hawthorn	1.30	11.50
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RHODODENDRON -- see also Azalea page 13.

All our Rhododendron seed is properly cleaned. You will find it of splendid germination and easy to handle.

e	brachycarpum, Hardy white flowering	per oz. \$2.00; per $\frac{1}{4}$ lb. \$1.50	
d	kamtschaticum, Kamchatka Rhododendron	per oz. \$2.00; per $\frac{1}{4}$ lb. \$4.50	
e	Keiskei	per oz. \$5.00; per $\frac{1}{4}$ lb. \$15.00	
d	Komiyamae , see Azalea page 13.		
e	Metternichi, Leatherleaf Rhododendron, pink	per oz. \$1.50; per $\frac{1}{4}$ lb. \$4.50	
d	stenophyllum	per oz. \$1.50; per $\frac{1}{4}$ lb. \$4.50	
d	Tschonoskii	per oz. \$5.00; per $\frac{1}{4}$ lb. \$15.00	

Another interesting deciduous Azalea with tiny pure white flower in great profusion. Highly ornamental.

RHODOTYPOS (Jetbead)

d	kerrioides, Jetbead	1.25	11.00
	<i>Resembles to Kerria japonica but with white flowers.</i>		

RHUS (Sumac)

d	javanica, Java Sumac .. .. .	.70	6.30
d	succedanea .. .. .	.70	6.30
d	vernifera, Lacquer Tree70	6.30

RIBES (Currant)

d	fasciculatum, Winterberry Currant	3.50	31.50
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*Any other varieties not listed in this list, prices on request.
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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

ROB NIA (Locust)

d	pseudoacacia, Common Locust	\$.50	\$ 4.50
	<i>A really important rapid growing tree. It is of pleasing outline and produces valuable lumber.</i>						

ROSA

d	davurica, Dahurian Rose	..	..	..	..	1.50	13.50
	<i>Hardy Rugosa-like Rose with large purple-pink flowers and of sturdy growth.</i>						
d	fujisanensis, native of Mt. Fuji	..	..	..	..	1.50	13.50
d	Maximowicziana	..	..	..	..	3.00	27.00
d	multiflora, Japanese Rose, see also Specialty page 7.					.40	3.00
d	multiflora Thornless, see also Specialty page 7.					1.00	9.00
d	rugosa	..	..	..	..	.55	5.00
dc	wichuriana, Wichurian Rose	..	..	..	..	.55	5.00

SAMBUCUS (Elder)

d*	latipina, hardy Korean Sambucus	..	..	..	..	1.50	13.50
d*	racemosus, European Red Elder, red	..	..	..	..	1.25	11.00
	golden yellow	1.50	13.50

SAPINDUS (Soapberry)

d	Mukurossi, Chinese Soapberry80	7.20
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SCHIZOPHRAGMA

dc	hydrangeoides, Japanese Hydrangea Vine	3.50	31.50
	<i>A hardy climbing Hydrangea, valuable for both foliage and flower. Easy to start from seed.</i>						

SKIMMIA

e	japonica, beautiful red berries	2.30	20.00
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SOPHORA

d	japonica, Chinese Scholartree75	7.00
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SPIRAEA

s*	japonica, Japanese Spirea	per oz.	\$1.00.		
d*	prunifolia, Bridalwreath	2.00	18.00

STACHYURUS

d	praecox	1.75	16.00
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STAPHYLEA (Bladdernut)

d	bumalda, Bumalda Bladdernut80	7.00
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STAUNTONIA

ec	hexaphylla	per ¼ lb. \$5.00	15.00
	<i>An evergreen six-leaved climber which looks like Akebia, but is heavier. Suitable for mild climate.</i>						

STEWARTIA

d	monadelpha	..	..	..	..	3.50	31.50
d	pseudocamellia, Japanese Stewartia	..	..	..	..	2.80	26.00
	<i>Has white Cammelia-like flowers, each from 2 to 3 inches in diameter and a prominent mass of yellow stamens. flowers in July.</i>						
d	serrata	..	..	..	..	4.00	36.00

Unless specified, our seeds are always clean either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

STYRAX (Snowbell)

d* **japonica, Japanese Snowbell** \$.75 \$ 7.00

See also Specialty page 7.

d* **obassia, Fragrant Snowbell** 1.25 11.00

Its foliage is much larger than Styrax japonica and flowers fragrant white.

SYMPLOCOS (Sweetleaf)

d **paniculata (crataegoides), Asiatic Sweetleaf** 1.85 16.50

SYRINGA (Lilac)

d **dilatata, Korean Lilac, perfectly hardy** 3.00 27.00

d **japonica, Japanese Tree Lilac, perfectly hardy** .. 5.30 48.00

TAMARIX

d **chinensis, Chinese Tamarix** 7.50 68.00

TAONABO

e **japonica (Ternstroemia japonica)** 1.80 16.50

A beautiful evergreen shrub with glossy foliage which is highly ornamental.

THEA sinensis – see page 9.

TILIA (Linden)

d **japonica, Japanese Linden** 1.50 13.50

TRIPETALEIA

s **paniculata** per oz. \$1.50

TROCHODENDRON

d **aralioides** 3.00 27.00

ULMUS (Elm)

d* **pumila, Dwarf Asiatic Elm** Prices on request.

VACCINIUM (Blueberry)

d* **hirsutum, Hairy Blueberry** 5.00 45.00

d* **praestans** 4.50 40.00

ales* **vitis-Idaea, Cowberry** per oz. \$4.50

VIBURNUM

d **Carlesi**—see also Specialty page 7. 2.80 26.00

d **dilatatum, Linden Viburnum** 1.20 11.00

A sturdy shrub with ascending-spreading branches forming a compact, flat-spotted bush from 6 to 9 feet tall and more in width. The branchlets are stout and terminate in 4 to 5 inches broad, flattened clusters of avoid brilliant red fruits. The fruit are small abundantly produced and crown the whole bush in vivid color.

d **furcatum, Forked Viburnum** 1.70 15.00

e **odoratissimum, Sweet Viburnum** 1.20 11.00

A semi-hardy evergreen Viburnum with very heavy glossy foliage. It bears coral-red berries in clusters. In Japan it is called Coral Tree.

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

VIBURNUM—(cont'd.)

d	Sargenti, Sargent Cranberrybush	\$ 1.70	\$ 16.00
d	Sieboldi, Siebold Viburnum .. .. .	.95	8.00
d	tomentosum, Doublefile Viburnum	2.00	18.00

A large shrub, sometimes 15 feet tall, with stiff, wide spreading tiered branches. Flowers-clusters, 3 to 5 inches across, terminate in short lateral branchlets and are produced along the entire length of the shoots. They are borne erect on stout peduncles and have a conspicuous outer whorl of large, white, neuter flowers.

d	Wrighti	1.75	16.50
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Its moderately stout stems are ascending and spreading, forming a loose, roundish bush, some 5 feet tall and from 6 to 8 feet wide. The leaves are short stalked, broadly ovate, often roundish, and assume dark wine-purple tints before they fall. The fruit is globose, lustrous scarlet, densely crowded in short-stalked flattened corymbs each 3 to 6 inches in diameter.

VITEX

s	trifolia var. ovata, Three-leaved Chastetree .. per oz.	\$2.00	
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VITIS (Grape)

dc	amurensis, Amur Grape	1.75	16.00
dc	Coignetiae, (V. Kaempferi) Gloryvine75	6.80

WEIGELA (Diervilla) – see also Diervilla page 16.

d	japonica, Japanese Weigela	2.50	22.50
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WISTERIA

dc	multijuga, blue	1.25	11.00
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Very long spiked Wisteria. We supply from true garden specimens.

dc	multijuga, white	1.75	16.00
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We also supply carefully collected seeds from true garden plants.

dc	sinensis, blue, Common Chinese Wisteria40	3.60
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dc	sinensis, white	1.00	9.00
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ZANTHOXYLUM

d	piperitum	1.00	9.00
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ZELKOVA

d	serrata (acuminata), Sawleaf Zelkova, uncleaned ..	1.00	9.00
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Palm Seeds

CYCAS

revoluta, Sago Palm. . per 100 seeds \$2.00 ; per 1,000 seeds \$18.00.

LIVISTONIA (Fan Palm)

chinensis, Chinese Fan Palm .. per 100 seeds \$1.00

Unless specified, our seeds are always clean either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

PANDANUS (Screwpine)

boninensis per 100 seeds \$3.50

PHOENIX (Date Palm)

reclinata, Senegal Date Palm .. per 100 seeds .35
1,000 „ 3.15
10,000 „ 30.00
Roebelini, Robelian Palm .. 100 „ .50
1,000 „ 4.50
10,000 „ 41.00

TRACHYCARPUS (Chamaerops)

excelsa, Windmill Palm Per lb. 10 lbs.
Fortunei, Fortune Palm \$.60 \$ 5.40
1.50 13 50

Seed of Bulbous Plants

DAHLIA

Double flowering finest mixed.. .. per ½ oz. \$1.00 Per oz. per ¼ lb
Peony flowering mixed colors per ½ oz. \$2.00 1.50 —
Single flowering finest mixed per ½ oz. .50 .75 —

IRIS

dicotoma, Vasper Iris — 1.00
ensata, Russian Iris — 1.00
gracilipes, Slender Iris 1.80 —
japonica, Fringed Iris 1.80 —
Kaempferi, collected from wild plants — .70
Kaempferi, collected from cultivated plants — .80
laevigata, Rabbit's Ear Iris — 1.00
laevigata semperflorens, Everblooming Laevigata — 2.00
laevigata variegata 3.00 10.00
sibirica orientalis, mixed20 .50
tectorum, Roof Iris80 2.00

LILIUM (Lily)

amabile 1.00 3.00
auratum, Goldband Lily60 1.50
auratum platyphyllum (macranthum)80 2.70
cernuum 1.00 3.00
concolor, Morningstar Lily 1.00 3.00
cordifolium80 2.70
distichum, Korean Wheel Lily 1.20 4.00
elegans 1.20 4.00
Henryi, The Orange Speciosum 1.20 4.00
japonicum, Pink Japanese Lily90 2.80
longiflorum formosum, Easter Lily 1.70 —
longiflorum giganteum, „ „ 2.00 —

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

LILIUM -- (cont'd.)						Per oz.	per ¼lb.
Maximowicz (see L. venustum Fujihirato)							
medeoloides, Wheel Lily	..	..	..	..	..	\$ 1.00	\$ 3.00
philippinense formosanum, flowers from seed within 6 months	..	..	..	..	..	.70	2.00
philippinense formosanum Pure White, about 70% is true	..	..	..	..	..	1.20	4.00
rubellum, Rubellum Lily	..	..	..	..	..	1.20	3.50
speciosum magnificum, Speciosum Lily	..	..	..	..	..	1.00	3.00
tenuifolium, Coral Lily	..	..	..	..	..	.60	2.00
venustum Fujihirato (Maximowicz)	..	..	..	..	..	1.00	3.00

Seed of Flowers, Alpine Plants, Etc.

ACHILLEA						Trial pkt.	per oz.
p	sibirica, Siberian Yarrow	..	..	..	..	.50	1.50
ACONITUM (Monks Hood)							
p	Fischeri, deep blue	..	..	..	..	—	.85
p	lycoctonum, pale yellow	..	..	..	..	—	1.00
p	japonicum, bright blue	..	..	..	..	—	1.00
ADENOPHORA (Ladybell)							
p.al	nikoensis linearifolia	..	..	..	..	.50	3.70
p.al	polymorpha Lamarckii	..	..	..	..	.50	3.70
p.al	remotiflora	..	..	..	..	.50	2.50
p.al	Takedai	..	..	..	..	.50	6.00
p	verticillata	..	..	..	..	.50	2.50
ANCHUSA							
p	italica	..	..	..	..	—	.70
*ANEMONE							
p	altaica	..	..	..	..	.50	1.50
	7-8 inches high with beautiful lavender flower of more than one inch across. One of the most lovely alpine Anemones.						
p.al	cernua	..	..	..	..	—	.70
p	coronaria, Chrysanthemum-fl. single mixed	..	..	..	..	—	.70
p.al	Keiskeana	..	..	..	..	1.00	11.00
p.al	narcissiflora	..	..	..	..	.50	1.50
	6-8 inches high with lovely white flower which is close to one inch across.						
p.al	yezoensis	..	..	..	..	.50	4.00
ANEMONOPSIS							
p.al	macrophylla	..	..	..	..	—	.80
	About 2 feet high with good sized flowers which look like Anemone japonica.						

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								Trial pkt.	per oz.
*AQUILEGIA (Columbine)									
p.al	akitensis50	2.50
<i>A miniature Aquilegia of alpine nature. About 5 inches tall with beautiful blue flower. Highly recommended on account of its delicacy.</i>									
p	flabellata, native of Japan	..	..	..	..	..	..	—	.80
p	oxysepala, Early Columbine	..	..	..	..	..	..	.50	1.50
*ARABIS (Rockcress)									
bi.al	hirsuta	..	..	..	..	..	..	.50	2.00
p.al	serrata	..	..	..	..	..	..	.50	2.00
ASCLEPIAS									
p	tuberosa, Butterflyweed	..	..	..	..	..	..	.50	1.50
ASTER									
p	tataricus minor	..	..	..	..	..	..	.50	2.00
p	trinervius congestus	..	..	..	..	..	..	.50	2.50
ASTILBE									
p	japonica, Japanese Astilbe	..	..	..	..	..	..	.50	1.40
p	Thunbergii	..	..	..	..	..	..	.50	1.40
BEGONIA									
p	Evansiana	..	..	..	..	..	..	.50	3.50
BELAMCANDA (Paradanthus)									
p	chinensis, Blackberry Lily	..	..	..	..	..	..	—	.80
p	chinensis compacta, Dwarf Blackberry Lily	..	..	..	..	..	..	.50	1.40
*BLETILLA (Bletia)									
p	hyacinthina	..	..	..	..	..	..	.50	3.00
<i>A terresterial Orchid producing in spring a large rose-pink flower. Foliage resembles Palm leaves. Semi-hardy.</i>									
BRUNELLA									
p	prunelliformis, Selfheal	..	..	..	..	..	..	.50	3.00
CALLIOPSIS (Coreopsis)									
p	lanceolata grandiflora	..	..	..	..	..	..	—	.25
CAMPANULA (Bellflower)									
p.al	lasiocarpa	..	..	..	..	..	..	.50	6.00
p	punctata, Spotted Bellflower	..	..	..	..	..	..	.50	1.50
CARYOPTERIS (Bluebeard)									
p	mastacanthus, blue	..	..	..	..	..	..	—	.50
p	„ pink	..	..	..	..	..	..	—	.70
p	„ white	..	..	..	..	..	..	—	.70
CHRYSANTHEMUM									
p	japonicum	..	..	..	..	..	..	.50	1.80
<i>Excellent for Cascade or Balcony mixture composed of many brilliant and distinct colors.</i>									
p	japonicum, Double Anemone-fld. finest mixed	..	..	..	..	..	..	.50	6.00
p	sibiricum, Hardy Siberian Chrysanthemum with white flower	..	..	..	..	..	..	—	1.00
CIMICIFUGA (Bugbane)									
p	simplex, Kamchatka Bugbane	..	..	..	..	..	..	—	.80

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities

CIRSIUM (Thistle)								Trial pkt.	per oz.
p	purpuratum	..	..	..	..	..	..	—	1.00
The largest and most elegant Thistle in Japan. 3 feet tall with monstrous foliage and flower. Grows well in sandy soil.									
* CLINTONIA									
p.al	udensis	..	..	..	..	..	..	—	1.00
CONANDRON									
p.al	ramondioides	..	..	..	..	..	..	.50	1.60
Medium-sized Tobacco-like foliage. Lovely azure-blue flower which is highly attractive. Likes half shaded place.									
CRAWFURDIA									
p	trinervis	..	..	..	..	..	..	.50	1.50
A climbing Gentian. The flower is large with beautiful blue color and comes to bloom in the autumn. One of the most fancy Genians.									
CREMASTRA									
p	appendiculata	..	..	..	..	..	..	.50	5.00
* CYPRIPEDIUM (Ladyslipper)									
p.al	debile — see also Specialty page 7.						..	1.00	15.00
p	japonicum — see also Specialty page 7.						..	.50	3.00
p	speciosum — see also Specialty page 7.						..	.50	3.00
DIANTHUS									
p	deltoides, dwarf creeper, rose colored flower					..	..	—	.70
p	superbus, fragrant perennial, lovely pink					..	..	—	.70
DIGITALIS									
p	lutea.. .. .							—	.70
ECHINOPS									
p	dahuricus .. .. .							.50	2.00
EPILOBIUM (Willow-weed)									
p	angustifolium							—	1.00
EPIMEDIUM									
p	macranthum violaceum .. .							—	.80
* ERYTHRONIUM									
p	japonicum, Japanese Troutlily .. .. .							.50	2.00
EULALIA									
p	japonica, Japanese Eulalia							—	.20
EUPATORIUM									
p	stoechadosmum							—	.80
FILIPENDULA									
p	multijuga .. .. .							.50	1.50
p	purpurea, Japanese Meadownut .. .. .							.50	2.00
GENTIANA (Gentian)									
p.al	Makinoi							—	.80
p.al	nipponica50	1.50
bi.al	pseudo-humilis							1.00	14.00

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* GENTIANA—(cont'd.)

									Trial pkt.	per oz.
p	scabra50	1.40
	<i>A large flowering Gentiana which flowers very late. We often find them flowering in the snow. Very hardy. 1 foot in height.</i>									
p.al	scabra Buergeri angustifolia	..	..	..	..	..	..	..	.50	1.50
bi.al	squarrosa	..	..	..	..	..	..	..	.50	4.00
p	Thunbergii	..	..	..	..	..	..	..	—	.80

* GERANIUM

p.al	hakusanense	..	..	..	..	..	..	..	.50	3.00
p	nepalense	..	..	..	..	..	..	..	.50	2.50

* GLAUCIDIUM

p.al	palmatum	..	..	..	..	..	..	..	.50	1.50
	<i>One of the most beautiful perennial Poppies with clear blue flower which is of good size. The leaves are palmated. Quite distinctive and suitable for either Pots or for Rock Gardens.</i>									

* GOODYERA

p	cyclochila50	6.00
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* GYMNADENIA

p.al	conopsea	3.00	—
p.al	rupestris	1.00	10.00

GYPSOPHILA

p	oldhamiana	—	.80
	<i>Similar but later flowering than paniculata and pink flowered.</i>									
p	paniculata, Babysbreath	—	.20

HABENARIA

p	radiata50	6.00
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HEMEROCALLIS

p	fulva var. Kwanso, Towny Daylily	—	.80
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* HOSTA (Plantainlily)

p	japonica angustifolia	—	.80
p	Sieboldiana longipes	—	.80

HUMULUS

p	japonicus, Japanese Hop Vine..	—	.20
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HYPERICUM (St. Johnswort)

p	ascyron	—	1.00
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* IMPATIENS (Snapweed)

a	noli-tangere	—	1.00
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An inhabitant of shady place. Foliage is strongly laciniated and flowers which are born in large cluster are pure yellow. Comes to flower in July to August.

LOBELIA

a	cardinalis, Cardinalflower50	2.80
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*Any other varieties not listed in this list, prices on request.
Special prices on larger quantities*

LOTUS (Nelumbo)								Trial pkt.	per oz.
p	speciosa, mixed	..	..	..	..	..	..	—	.20
	In colors; pink and white	..	..	..	..	..	..	—	.30
LYCHNIS									
p	coronata, Crown Campion	..	..	..	..	..	..	.50	2.80
p	miqueliana	..	..	..	..	..	..	.50	2.80
p	Viscaria splendens	..	..	..	..	..	..	—	.30
LYCORIS (Cluster Amaryllis)									
p	squamigera, Hardy Cluster Amaryllis Halli	..	..	..	..	..	..	.50	2.00
	<i>This increasing popularity as they look like clustered Amaryllis and are perfectly hardy. The flowers are beautiful pink and open in August.</i>								
LYSIMACHIA (Loosestrife)									
p	vulgaris, Golden Loosestrife	..	..	..	..	..	..	—	.70
MYOSOTIS (Forget-me-not)									
R	alpestris, blue	..	..	..	..	..	..	—	.20
R	„ rose	..	..	..	..	..	..	—	.30
R	„ white	..	..	..	..	..	..	—	.30
R	„ indigo blue	..	..	..	..	..	..	—	.35
R	„ robusta grfl. improved	..	..	..	..	..	..	—	.50
R	„ mixed	..	..	..	..	..	..	—	.25
R	„ Victoria, dwarf compact, blue	..	..	..	..	..	..	—	.70
R	„ „ „ „ rose	..	..	..	..	..	..	—	.70
R	„ „ „ „ white	..	..	..	..	..	..	—	.70
R	dissitiflora, early large blue	..	..	..	..	..	..	.50	1.50
R	palustris	..	..	..	..	..	..	—	.80
R	„ semperflorens	..	..	..	..	..	..	—	.70
NUPHAR (Aquatic plant)									
	japonica, Yellow Buttercup	..	..	..	..	..	..	.50	1.80
NYMPHAEA (Aquatic plant)									
	pygmaea alba	..	..	..	..	..	..	.50	1.80
OENOTHERA (Evening Primrose)									
bi	biennis	..	..	..	..	..	..	—	.15
bi	Lamarckiana, Large Yellow Evening Primrose	..	..	..	..	..	..	—	.20
*OMPHALODES (Navelseed)									
p	japonica	..	..	..	..	..	..	.50	4.00
	<i>A sort of perennial creeper with large dark blue flower which looks something like those of Anchusa's.</i>								
PAEONIA (Peony) — see also page 19.								Per lb.	10 lbs.
d*	chinensis, double-fl. mxd colors	..	..	..	..	..	..	2.20	20.00
d*	obovata, Wild Japanese single-fl. mxd colors	..	..	..	..	..	..	4.20	37.00
d*	„ pink	..	..	..	..	..	..	4.80	43.00
d*	„ white	..	..	..	..	..	..	4.80	43.00
	<i>An alpine Paeonia with good-sized single flower leaving berries afterward which turn to the brilliant red in the fall. Quite attractive.</i>								

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PANSY								Trial pkt.	per oz.
Giant-fl.	Cardinal..	—	1.00
„	Cecily	—	1.00
„	Emperor William	—	1.00
„	King of the Blacks ..	..	..	..	..	..	..	—	1.00
„	light blue ..	..	..	..	..	..	..	—	1.00
„	Lord Beaconsfield ..	..	..	..	..	..	..	—	1.00
„	striped ..	..	..	..	..	..	..	—	1.00
„	Waved Mixed ..	..	..	..	..	..	..	—	1.00
Swiss Roggli's Giant, mixed ..								.50	3.00
Extra Large Giant-fl. Waved mixed ..								1.00	8.00

PARNASSIA

p.al	palustris50	1.50
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PATRINIA

p.al	palmata	—	.70
p	scabiosaefolia	—	.50
p	sibirica	—	.80
p	villosa	—	.70

PEDICULARIS

d	gloriosa ..	..	..	..	..	..	..	—	.80
p.al	japonica, Four-leaved Woodbetony50	2.50

PHYSALIS (Chinese Lantern Plant)

p	Francheti	—	.30
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* PIROLA

p	japonica50	1.60
p	rotundifolia incarnata50	1.60
p	secunda vulgaris	1.00	7.00

PLATANThERA

p	ussuriensis50	4.00
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PLATYCODON (Japanese Bell Flower)

p	grandiflora, blue	—	.30
p	„ white..	—	.40
p	„ mixed	—	.35
p	„ double-fl. blue	—	1.20
p	„ „ white	—	1.20

p	GRANDIFLORA PRAECOX GIGANTEA50	1.40
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See also Specialty page 7.

POPPY (Papaver)

p	Oriental Scarlet, perennial	—	.30
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PRIMULA (Primrose)

p.al	cuneifolia hakusanensis50	1.50
p	farinosa modesta	1.00	11.00
p.al	„ Fauriae ..	..	..	..	..	..	..	1.00	12.00
p	Japonica ..	..	..	..	..	..	..	—	.80
p.al	Reinii ..	..	..	..	..	..	..	1.00	11.00
	Sieboldi.35	—

Seeds collected from splendid Garden varieties.

p.al	tosaensis50	1.50
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Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

REHMANNIA										Trial pkt.	per oz.
p	angulata	..	..	..	..	..	..	..	..	.50	2.20
SCABIOSA											
p	japonica	..	..	..	..	..	..	..	..	—	.25
SEDUM (Stonecrop)											
p	kamtschaticum	..	..	..	..	..	..	..	..	—	.50
p.al	telephium purpureum	..	..	..	..	..	..	..	..	.50	3.00
*SHORTIA											
p.al	soldanelloides	..	..	..	..	..	..	..	..	.50	7.00
<i>A glossy foliage almost identical to that of Galax. Beautiful good sized clear pink flowers in early spring. Extremely lovely.</i>											
p.al	soldanelloides minima	..	..	..	..	..	..	..	..	.50	7.00
<i>Similar to the above but smaller all way through.</i>											
p.al	uniflora	..	..	..	..	..	..	..	..	.50	3.00
<i>Closely allied to S. soldanelloides but little larger all way through.</i>											
*SOPHORA											
p	flavescens	..	..	..	..	..	..	..	..	—	.30
STOKESIA (Cornflower Aster)											
p	Cyanea, mixed	..	..	..	..	..	..	..	..	—	1.00
p	„ blue	..	..	..	..	..	..	..	..	—	1.00
p	„ white	..	..	..	..	..	..	..	..	—	1.00
*THALICTRUM (Meadowrue)											
p.al	akanense	..	..	..	..	..	..	..	..	.50	3.70
p	aquilegifolium, Columbine Meadowrue	..	..	..	..	..	..	..	..	.50	1.50
p	minus var. elatum, Low Meadowrue	..	..	..	..	..	..	..	..	.50	1.50
p.al	rochebrunianum	..	..	..	..	..	..	..	..	.50	7.00
<i>This grows up as tall as 4 feet with ordinary Thalictrum leaves. The flowers are large with light purple color which look like Thalictrum dipterocarpum</i>											
p	tuberiferum, Mountain Meadowrue	..	..	..	..	..	..	..	..	.50	2.50
*TRACHELOSPERMUM (Star-Jasmine)											
ec	jasminoides, Confederate-Jasmine	..	..	..	..	..	..	..	..	.50	1.50
TRICHOSANTHES (Snake-Gourd)											
dc	cucumeroides	..	..	..	..	..	..	..	..	—	.40
<i>An ornamental hardy perennial climber of great attraction. Showy feathery laciniated flowers leaving bright red colored Cucumber-like fruits.</i>											
dc	japonica	—	.40
<i>Similar to above, except yellow fruit.</i>											

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TRICYRTIS (Toadlily)										Trial pkt.	per oz.
p	flava50	4.00
An Alpine Tricyrtis with rather large yellowish flowers.											
p	hirta	..	..	..	..	..	..	..	..	—	1.00
2 feet. Smaller than T. macropoda, flowers in autumn.											
p	latifolia, Broad-leaved Toadlily	..	..	..	..	..	..	..	..	.50	2.50
p	macropoda	..	..	..	..	..	..	..	..	.50	4.00
One of the largest Tricyrtis with distinctive light purple flowers.											

*TRILLIUM

p	apetalon, purple flower	..	..	..	..	..	..	..	..	.50	2.00
p	kamtschaticum, Large-flower Trillium	..	..	..	..	..	..	..	..	—	1.00
p	Tschonoskii, white flower	..	..	..	..	..	..	..	..	—	1.00

TROLLIUS (Globeflower)

p	Ledebourii, Ledebour Globeflower	..	..	..	..	..	..	..	..	.50	3.00
p.al	patulus	..	..	..	..	..	..	..	..	.50	3.00

*VERATRUM (False-Hellebore)

p.al	album grandiflorum	..	..	..	..	..	..	..	..	—	1.00
p	nigrum japonicum	..	..	..	..	..	..	..	..	—	1.00

*VERONICA (Speedwell)

p	longifolia subsessilis, Clump Speedwell	..	..	..	..	..	..	..	..	—	1.00
p	sibirica, Virginian Speedwell	..	..	..	..	..	..	..	..	.50	2.00

VICIA

p	amoena lanata	..	..	..	..	..	..	..	..	.50	1.50
p	cracca japonica	..	..	..	..	..	..	..	..	—	1.00

*VIOLA (Violet)

p.al	biflora	..	..	..	..	..	..	..	..	.50	4.00
p	eizanensis	..	..	..	..	..	..	..	..	.50	3.00

OSTERDAMIA JAPONICA (Zoysia japonica)

One of the hardy perennial Lawn Grass and suitable for Golf Courses, Embankments and Airports.

Prices ; \$3.00 10 lbs, \$25.00 100 lbs.

We also deal in Flower and Vegetable Seeds, Bamboo Canes, Lily Bulbs, etc. and are glad to send you our illustrated catalogs on your application.

SAKATA'S NOVELTY PETUNIAS

TRY OUR SEED AND LET US
KNOW YOUR EXPERIENCE.



All-Double
Tall Giant Fringed

PETUNIA ALL-DOUBLE TALL GIANT FRINGED MIXED COLORS

“Triumphant” (Sakata's Novelty No. 1)

The ONLY PETUNIA of all times, to produce 100% double-flowered plants. Since we introduced the “ALL-DOUBLE GIANT FRINGED PETUNIA” seed into the market one year ago, we have done everything possible to improve it, both in regard to color and size. We have also done our best to eliminate the Small Flowering Doubles.

We are now, therefore, able to offer such seeds which not only grow 100% double-flowering plants, but which also produce flowers of immense size. These flowers show a wonderful assortment of beautiful colors, such as Carmine, Brilliant Rose, Velvety Purple, Violet, Purple, White, Creamy Yellow, and innumerable intermediate as well as variegated colors. These flowers, which are exquisitely fringed and duplexed as shown in the picture, very often measure as much as 5 inches across.

Prices; \$1.00 pkt, \$8.00 $\frac{1}{32}$ oz. \$14.00 $\frac{1}{16}$ oz.

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

**PETUNIA ALL-DOUBLE
DWARF GIANT
FRINGED MIXED
COLORS**

“Victorious”

(Sakata's Novelty No. 2)



*All-Double
Dwarf Giant-Fringed*

The ONLY DWARF COMPACT PETUNIA which produces 100% Double-flowered plants. It is identical with the Tall Type in regard to its 100% double flowering character, while its Dwarf Compact Form enhances its popularity. These plants are remarkably uniform in habit, producing a wonderful assortment of brilliant and fancy colorings. They produce very large, fully doubled flowers, and being extremely floriferous, have an appearance similar to the Double-flowering Indian Azalea. As they seldom grow more than ten inches in height, they are very suitable for pots, as may be seen from the picture; they are equally suitable for borders.

Prices ; \$1.00 pkt, \$9.00 $\frac{1}{32}$ oz, \$16.00 $\frac{1}{16}$ oz.

PETUNIA ALL-DOUBLE DWARF GIANT FRINGED ROSY-CARMINE

“100% Double-fl. strain” (Sakata's Novelty No. 3)

Previously, we offered this wonderful colored Petunia seed in 50% double-flowering strain but now we succeeded in producing All-Double or 100% Double-flowering seed in the same fascinating color.

The flowers which are the most beautiful rosy-carmine, are large, full double with good fringiness, oftentimes accompanying delightful fragrance. They are, almost without any exception, make dwarf compact growth and are extremely floriferous.

It is our belief that this is not only one of our masterpieces but one of the most outstanding novelties of recent year. Few Petunias are more suitable for pot or border than this pretty strain.

Prices ; \$1.00 pkt, \$10.00 $\frac{1}{32}$ oz, \$18.00 $\frac{1}{16}$ oz.

PETUNIA ALL-DOUBLE, MAMMOTH, PEONY-FLOWERED MIXED COLORS

“100% Double-fl. strain” (Sakata's Novelty No. 4)

Another 100% Double-flowering strain, producing the most gigantic flowers, which GENERALLY EXCEED FIVE INCHES ACROSS. The flower is not so much fringed as in the other types, but it is beautifully waved and ruffled, giving an appearance similar to that of the Double Peony. During the past season we made every effort to lessen the

percentage of small flowering doubles; as a result of those efforts we are now able to supply seed which will produce more than 70% Mammoth Doubles, as against less than 30% small doubles. This type covers various colors such as velvety purple-violet, shiny purple-red, blotched and other intermediate shades.

Prices ; \$1.00 pkt, \$9.00 $\frac{1}{32}$ oz, \$16.00 $\frac{1}{16}$ oz.

PETUNIA GIANTS OF CALIFORNIA, SELECTED STRAIN MIXED COLORS

In this popular variety, if you are looking for still bigger flowers or better colors or the combination of these two important qualifications, you will be highly satisfied by planting our seeds. From our breed, you will find the largest of flower in beautifully ruffled form combined with the widest range of many striking colors such as scarlet, copper-red, white striped, red, pink as well as many other intermediate shades. Our continuous effort to eliminate small flowering plants is also well rewarded and you will find, on trial, our seeds will produce remarkably few small flowering plants than any other strains.

Prices ; 50 ¢ pkt, \$1.00 $\frac{1}{32}$ oz, \$1.80 $\frac{1}{16}$ oz.

PETUNIA DWARF GIANTS OF CALIFORNIA, SAKATA'S SELECTED STRAIN MIXED COLORS

Size of flower, richness of color, even dwarf compact growth are the remarkable characteristic of our strain. The flower is unusually large and colorful, containing almost same assortment of colors as described in the tall type. As in the Tall Type, the small-flowering plants are very unusually scarce. In our Trial Ground, we found our strain is to be quite outstanding.

Prices ; 50 ¢ pkt, \$1.00 $\frac{1}{32}$ oz, \$1.80 $\frac{1}{16}$ oz.

PETUNIA GRANDIFLORA FRINGED TALL MIXED COLORS

Extra choice quality in size, in color as well as in fringiness. Probably no better strain obtainable in the market.

Prices ; 50 ¢ pkt, \$1.00 $\frac{1}{32}$ oz, \$1.80 $\frac{1}{16}$ oz,

PETUNIA GRANDIFLORA FRINGED DWARF MIXED COLORS

Also extra choice quality in size, in color as well as in fringiness. We believe this is one of the best Dwarf Petunias in existence.

Prices ; 50 ¢ pkt, \$1.20 $\frac{1}{32}$ oz, \$2.20 $\frac{1}{16}$ oz.

PETUNIA GRANDIFLORA EXTRA LARGE PLAIN-EDGED MIXED COLORS

This is one of the largest of all Single Petunias. The petals are not fringed but only slightly waved. SAKATA'S seeds will be very true to the color and the size, one of the best that is obtainable.

Prices ; 50 ¢ pkt, \$1.20 $\frac{1}{32}$ oz, \$2.20 $\frac{1}{16}$ oz.

PETUNIA PENDULA or BALCONY MIXED COLORS

As the result of our close breeding, SAKATA'S strain will be one of the very best in the market. Our prices are very reasonable for the quality.

Prices ; 50 ¢ pkt, \$1.20 $\frac{1}{4}$ oz, \$2.20 $\frac{1}{2}$ oz, \$4.00 oz.

PETUNIA HOWARD'S STAR, SAKATA'S RESELECTED STRAIN

Without question, the best strain in the market. Almost every flower has characteristic star on deep velvety purple ground. The flower is also decidedly larger than ordinary strain.

Prices ; 50 ¢ pkt, \$1.00 $\frac{1}{4}$ oz, \$1.50 $\frac{1}{2}$ oz. \$2.70 oz.

PETUNIA HYBRIDA NANA COMPACTA COCKATOO

Reselected strain which shows characteristic beautiful color almost without exception. We believe our strain is just as good as any best strain in the market. In our Trial Ground, out of over 200 plants, we found no rogue.

Prices ; 50 ¢ pkt, \$1.20 $\frac{1}{4}$ oz, \$1.70 $\frac{1}{2}$ oz. \$3.00 oz.



*Pansy Waved
Roggli's Giant*

NOVELTY PANSY

PANSY WAVED ROGGLI'S GIANT MIXED COLORS

Almost identical to the best Roggli's Giant strain both in the size of flower as well as in color which is very brilliant. This strain has strongly waved petals instead of plain petals as in the original Roggli's Giant Pansy. They are extremely beautiful.

Prices ; 50 ¢ pkt, \$1.40 $\frac{1}{8}$ oz, \$2.40 $\frac{1}{4}$ oz.

*Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.*

